

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing Of Claims:

Please amend the claims as follows:

1. (Currently Amended) A method of rendering text and data in a multi-lingual environment, the method comprising:

receiving a text selection containing text portions entered according to a plurality of spoken languages;

determining ~~whether~~ that no ~~[[a]]~~ text reading order for rendering the text selection on a computer-enabled display has been set;

~~[[if]]~~ in response to a determination that no text reading order for rendering the text selection has been set, scanning the text selection to determine the text reading order for rendering the text selection on the computer-enabled display, ~~whether a first portion of the text selection is entered according to a first spoken language wherein scanning the text selection to determine~~ the text reading order for rendering the text selection on the computer-enabled display comprises:

determining whether ~~[[the]]~~ a first portion of the text selection is entered according to ~~[[the]]~~ a first spoken language, wherein determining whether the first portion of the text selection is entered according to the first spoken language comprises determining whether each character of the first portion of the text selection comprises a character from the first spoken language;

determining the text reading order associated with the first spoken language based on the determination that the first portion of the text selection is entered according to the first spoken language;

determining a text display alignment associated with the first spoken language based on the determination that the first portion of the text selection is entered according to the first spoken language; and

~~if a first portion of the text selection is entered in a first spoken language, determining a text reading order for the first portion of text according to the first spoken language;~~

~~determining whether a text display alignment has been established for the text selection;~~

~~if no text display alignment has been established for the text selection, determining a text display alignment associated with a user interface language utilized by a user interface for displaying the text selection; and~~

rendering the first portion of the text selection in the determined text reading order and the determined text display alignment ~~for rendering text~~ according to the first spoken language.

2. (Currently Amended) The method of Claim 1, after receiving ~~[[a]]~~ the text selection containing text portions entered according to ~~[[a]]~~ the plurality of spoken languages, storing the text selection at a memory location.

3. (Previously Presented) The method of Claim 1, further comprising returning the text reading order for rendering the text selection on a computer-enabled display.

4. (Original) The method of Claim 1, prior to rendering the first portion of the text selection in the determined text reading order, returning the text reading order associated with the first spoken language as the text reading order for rendering the text according to the first spoken language.

5. (Currently Amended) The method of Claim 1, ~~whereby~~ further comprising determining that the text reading order is a left to right text reading order ~~the determined text reading order is a left to right text reading order.~~

6. (Currently Amended) The method of Claim 1, ~~whereby~~ further comprising determining that the text reading order is a right to left text reading order ~~the determined text reading order is a right to left text reading order.~~

7. (Currently Amended) The method of Claim 1, ~~whereby~~ wherein scanning the text selection to determine determining whether a first portion of the text is entered in a first spoken language includes determining whether any text character of the first portion of the text selection identifies the first portion of the text selection as belonging to the first spoken language.

8. (Currently Amended) The method of Claim 7, ~~whereby~~ further comprising ~~[[if]]~~ when no text character of the first portion of the text selection identifies the first portion of the text selection as belonging to the first spoken language, determining whether a line property is associated with a line of text containing the first portion of text, where the line property identifies the line of text as belonging to the first spoken language; and

~~[[if]]~~ when a line property is associated with a line of text that identifies the line of text as belonging to the first spoken language, returning a text reading order associated with the line property for rendering the line of text.

9. (Currently Amended) The method of Claim 8, ~~whereby~~ further comprising ~~[[if]]~~ when no property identifies the line of text as belonging to the first spoken language, determining whether a paragraph property is associated with a paragraph of text containing the line of text, where the paragraph property identifies the paragraph as belonging to the first spoken language; and

~~[[if]]~~ when a paragraph property identifies the paragraph as belonging to the first spoken language, returning a text reading order associated with the paragraph property for rendering the paragraph of text.

10. (Currently Amended) The method of Claim 9, ~~whereby~~ further comprising ~~[[if]]~~ when no property of the text selection allows the text selection to be identified with a particular text reading order, determining a text reading order associated with the user interface language utilized by the user interface for displaying the text selection; and

returning the text reading order associated with the user interface language for rendering the text selection according to the text reading order associated with the user interface language.

11. (Canceled)

12. (Currently Amended) The method of Claim [[1]] 25, further comprising ~~whereby if a text display alignment has been established for the text selection,~~ returning the [[set]] established text display alignment for aligning the text selection.

13. (Canceled)

14. (Currently Amended) The method of Claim 12, further comprising;
~~rendering the text selection in the determined text reading order; and~~
aligning the text selection according to the ~~returned~~ established text alignment direction.

15. (Currently Amended) The method of Claim [[14]] 1, further comprising:
scanning the text selection to determine whether a second portion of the text selection is entered according to a second spoken language; and

[[if]] when a second portion of the text selection is entered in a second spoken language, determining a text reading order for the second portion of text according to the second spoken language.

16. (Original) The method of Claim 15, further comprising:

rendering the second portion of the text selection in the determined text reading order for the second portion of the text such that the rendered text selection contains the first portion of the text selection rendered according to the determined reading order for the first portion and the second portion of the text selection rendered according to the determined reading order for the second portion.

17. (Currently Amended) The method of Claim 16, ~~whereby~~ wherein rendering the text selection includes rendering the text selection containing both the first portion and the second portion according to the returned text display alignment.

18. (Currently Amended) The method of Claim 17, ~~whereby~~ wherein the text alignment is left alignment.

19. (Currently Amended) The method of Claim 17, ~~whereby~~ wherein the text alignment is right alignment.

20.-21. (Canceled)

22. (Currently Amended) A method of rendering text and data in a multi-lingual environment, the method comprising:

receiving a text selection containing text portions entered according to a plurality of spoken languages;

determining ~~whether a~~ that no text reading order for rendering the text selection on a computer-enabled display has been set;

~~[[if]] in response to a determination that~~ no text reading order for rendering the text selection has been set, scanning the text selection to determine the text reading order for rendering the text selection on the computer-enabled display, ~~whether a first portion of the text selection is entered according to a first spoken language wherein scanning the text selection to determine~~ the text reading order for rendering the text selection on the computer-enabled display comprises:

determining whether ~~[[the]]~~ a first portion of the text selection is entered according to ~~[[the]]~~ a first spoken language, wherein determining whether the first portion of the text selection is entered according to the first spoken language comprises determining whether each character of the first portion of the text selection comprises a character from the first spoken language;

determining the text reading order associated with the first spoken language based on the determination that the first portion of the text selection is entered according to the first spoken language;

~~if a first portion of the text selection is entered in a first spoken language, determining a text reading order for the first portion of text according to the first spoken language;~~

determining whether a text display alignment has been established for the text selection;

[[if]] when a text display alignment has been established for the text selection, returning the established text display alignment for aligning the text selection;

[[if]] when no text display alignment has been established for the text selection, determining a text display alignment associated with a user interface language utilized by a user interface for displaying the text selection;

returning the text display alignment associated with the user interface language for aligning the text selection; and

rendering the first portion of the text selection in the determined text reading order, and aligning text selection according to the returned text display alignment.

23. (Original) The method of Claim 22, further comprising scanning the text selection to determine whether a second portion of the text selection is entered according to a second spoken language; and if a second portion of the text selection is entered in a second spoken language, determining a text reading order for the second portion of text according to the second spoken language.

24. (Currently Amended) The method of Claim 23, further comprising:
rendering the second portion of the text selection in the determined text reading order for the second portion of the text such that the rendered text selection contains the first portion of the text selection rendered according to the determined reading order

for the first portion and the second portion of the text selection rendered according to the determined reading order for the second portion; and

~~whereby~~ wherein the text selection containing both the first portion and the second portion is rendered according to the returned text display alignment.

25. (New) A method of rendering text and data in a multi-lingual environment, the method comprising:

receiving a text selection containing text portions entered according to a plurality of spoken languages;

determining that no a text reading order for rendering the text selection on a computer-enabled display has been set;

in response to a determination that no text reading order for rendering the text selection has been set, scanning the text selection to determine the text reading order for rendering the text selection on the computer-enabled display, wherein scanning the text selection to determine the text reading order for rendering the text selection on the computer-enabled display comprises:

determining whether a first portion of the text selection is entered according to a first spoken language, wherein determining whether the first portion of the text selection is entered according to the first spoken language comprises determining whether each character of the first portion of the text selection comprises a character from the first spoken language;

determining the text reading order associated with the first spoken language based on the determination that the first portion of the text selection is entered according to the first spoken language;

determining a text display alignment associated with the first spoken language based on the determination that the first portion of the text selection is entered according to the first spoken language;

determining whether a text display alignment has been established for the text selection; and

when no text display alignment has been established for the text selection, determining a text display alignment associated with the first spoken language; and

rendering the first portion of the text selection in the determined text reading order and the determined text display alignment according to the first spoken language.